

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/917,278

DATE: 11/16/2001

TIME: 07:57:50

Input Set : A:\SEQUENCE.txt

Output Set: N:\CRF3\11162001\I917278.raw

W--> 3 <110> APPLICANT: Gorczynski, Reginald M.
 4 Clark, David A.
 6 <120> TITLE OF INVENTION: Methods and Compositions for Modulating Tumor Growth
 7 <130> FILE REFERENCE: 9579-39
 9 <140> CURRENT APPLICATION NUMBER: US 09/917,278
 10 <141> CURRENT FILING DATE: 2001-07-30
 12 <150> PRIOR APPLICATION NUMBER: US 60/064,764
 13 <151> PRIOR FILING DATE: 1997-11-07
 15 <150> PRIOR APPLICATION NUMBER: US 60/222,725
 16 <151> PRIOR FILING DATE: 2000-08-03
 18 <160> NUMBER OF SEQ ID NOS: 22
 20 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 2791
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Mus musculus
 27 <400> SEQUENCE: 1

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32	gtctctgaac	cagattttat	ctgttgctgc	ctctctgatg	acagctggtc	aaggcccaa	180
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42	ggttctaccc	taggactctg	ggctttccat	tatctgggtc	ttgaccatcc	aggcaatata	480
44	ggtacaagct	ctctcttata	gggtgggctt	caagttaaag	taaacattgg	ttggctcactc	540
46	cctcacgttt	tctactaaaa	tctcataggc	aggacatatt	gtgggtagag	gatttagagg	600
48	cagggttagt	gtccagggtt	gtcttttcat	ggctgttaga	ataccttctc	acaccagaga	660
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52	aagttgacct	cagcaatggg	tcccactgtc	aggttttaga	gggtgacctt	cagttgtagg	780
54	tcccaagtct	ctctctctcc	tctctccctt	tctctctctc	tctctctctc	tctctctctc	840
56	tctctctctc	tctctctctc	tctctctctc	tctctctctc	ttatacttgt	gattgaagat	900
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62	caccaatata	gtcaatcggt	tctgtaaagc	tttcatcaag	gaaaacctca	gttccagggc	1080
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68	tctgagccct	taggacttct	aaagctctag	atgaggtacc	tggttaaccac	acacacacac	1260
70	acacacacac	acacacacac	acacgcactg	gcctttaata	taacaaatca	taaaataaag	1320
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82	ataaatctaa	aatgaaaaaa	aatatagagt	gattctttca	catttttgct	atattactct	1680
84	aaaaggcgag	aacctggcgg	gggcgggggc	aggggctagg	gacgaggttg	tagagggcgt	1740
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92 atgggcagtc tggtagtgag aatctgagat gcgaaggagg gcggaatggg cgatctggag 1980
94 ccgcggtctc cagaagccag tggagcctgc gagaaaagca aggaagctgt tctttggaga 2040
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110 ttctttatac acacgggaatt ggtagaattg aatgcgaatc taaacgcaat taaacccag 2520
112 gtaccacttt tcatcaggct gacaaagacc gacttggtgtt acctttccta acaaagagga 2580
114 atgtggatct gtcagctaga tgctcttagt gttcaaacia ggaattgctt tctgttttac 2640
116 aaagaatcgg agagagaggt tctttttttt ctctccaagt ctctgtggct gcaatgaaat 2700
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126 <213> ORGANISM: Mus musculus
128 <400> SEQUENCE: 2
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131 1 5 10 15
134 Ser Leu Ile Trp Gly Met Ala Ala Val Ala Leu Ser Thr Ala Gln Val
135 20 25 30
138 Glu Val Val Thr Gln Asp Glu Arg Lys Ala Leu His Thr Thr Ala Ser
139 35 40 45
142 Leu Arg Cys Ser Leu Lys Thr Ser Gln Glu Pro Leu Ile Val Thr Trp
143 50 55 60
146 Gln Lys Lys Lys Ala Val Ser Pro Glu Asn Met Val Thr Tyr Ser Lys
147 65 70 75 80
150 Thr His Gly Val Val Ile Gln Pro Ala Tyr Lys Asp Arg Ile Asn Val
151 85 90 95
154 Thr Glu Leu Gly Leu Trp Asn Ser Ser Ile Thr Phe Trp Asn Thr Thr
155 100 105 110
158 Leu Glu Asp Glu Gly Cys Tyr Met Cys Leu Phe Asn Thr Phe Gly Ser
159 115 120 125
162 Gln Lys Val Ser Gly Thr Ala Cys Leu Thr Leu Tyr Val Gln Pro Ile
163 130 135 140
166 Val His Leu His Tyr Asn Tyr Phe Glu Asp His Leu Asn Ile Thr Cys
167 145 150 155 160
170 Ser Ala Thr Ala Arg Pro Ala Pro Ala Ile Ser Trp Lys Gly Thr Gly
171 165 170 175
174 Thr Gly Ile Glu Asn Ser Thr Glu Ser His Phe His Ser Asn Gly Thr
175 180 185 190
178 Thr Ser Val Thr Ser Ile Leu Arg Val Lys Asp Pro Lys Thr Gln Val
179 195 200 205
182 Gly Lys Glu Val Ile Cys Gln Val Leu Tyr Leu Gly Asn Val Ile Asp

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183      210      215      220
186 Tyr Lys Gln Ser Leu Asp Lys Gly Phe Trp Phe Ser Val Pro Leu Leu
187 225      230      235      240
190 Leu Ser Ile Val Ser Leu Val Ile Leu Leu Val Leu Ile Ser Ile Leu
191      245      250      255
194 Leu Tyr Trp Lys Arg His Arg Asn Gln Glu Arg Gly Glu Ser Ser Gln
195      260      265      270
198 Gly Met Gln Arg Met Lys
199      275
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203 <211> LENGTH: 14
204 <212> TYPE: DNA
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Primer
210 <400> SEQUENCE: 3
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214 <210> SEQ ID NO: 4
215 <211> LENGTH: 44
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Adapter 1
222 <400> SEQUENCE: 4
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226 <210> SEQ ID NO: 5
227 <211> LENGTH: 43
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Adapter 2
234 <400> SEQUENCE: 5
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239 <211> LENGTH: 22
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: Primer 1
246 <400> SEQUENCE: 6
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250 <210> SEQ ID NO: 7
251 <211> LENGTH: 22
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Nested Primer 1
258 <400> SEQUENCE: 7
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289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
292 <223> OTHER INFORMATION: GADPH Sense
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300 <212> TYPE: DNA
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303 <220> FEATURE:
304 <223> OTHER INFORMATION: GADPH Antisense
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310 <210> SEQ ID NO: 12
311 <211> LENGTH: 20
312 <212> TYPE: DNA
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: B7-1 Sense
318 <400> SEQUENCE: 12
319 ccttgccggtt acaactctcc 20
322 <210> SEQ ID NO: 13
323 <211> LENGTH: 20
324 <212> TYPE: DNA
325 <213> ORGANISM: Artificial Sequence
327 <220> FEATURE:
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330 <400> SEQUENCE: 13
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346 <210> SEQ ID NO: 15
347 <211> LENGTH: 20
348 <212> TYPE: DNA
349 <213> ORGANISM: Artificial Sequence
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352 <223> OTHER INFORMATION: B7-2 Antisense
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366 <400> SEQUENCE: 16
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373 <213> ORGANISM: Artificial Sequence
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376 <223> OTHER INFORMATION: OX-2 Antisense
378 <400> SEQUENCE: 17
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382 <210> SEQ ID NO: 18
383 <211> LENGTH: 825
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392 acacctgctt ccttaaaatg ctctctgcaa aatgcccagg aagccctcat tgtgacatgg 180
394 cagaaaaaga aagctgtaag cccagaaaac atggtcacct tcagcgagaa ccatgggggtg 240
396 gtgatccagc ctgcctataa ggacaagata aacattaccc agctgggact ccaaaactca 300
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408 aagaatcagg tggggaagga ggtgatctgc caggtgctgc acctggggac tgtgaccgac 660
410 ttttaagcaa ccgtcaacaa aggatattgg ttttcagttc cgctattgct aagcattggt 720
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VERIFICATION SUMMARY

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